

SEQUENCE LISTING

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PREDDIE, ENRIQUE

<120> AGENTS FOR PRE-SYMPOMATIC DETECTION AND THERAPEUTIC
TARGETING OF ALZHEIMERS'S DISEASE AND DOWN SYNDROME
IN HUMANS

<130> 161003-2000.1

<140> 10/700,922
<141> 2003-11-03

<150> 09/242,449
<151> 1999-02-16

<150> PCT/EP97/04599
<151> 1997-08-22

<160> 38

<170> PatentIn version 3.3

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<212> DNA
<213> Homo sapiens

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gtcatagcga cagtgatcgt catcaccttg gtgatgctga agaagaaaaca gtacacatcc 180
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<210> 3
<211> 79
<212> PRT
<213> Homo sapiens

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1 5 10 15
Lys Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile

20

25

30

Ile Gly Leu Met Val Gly Gly Val Val Ile Ala Thr Val Ile Val Ile
35 40 45

Thr Leu Val Met Leu Lys Lys Gln Tyr Thr Ser Ile His His Gly
50 55 60

Val Val Glu Val Gly Lys Leu Asp Cys Met Phe Pro Ser Gly Asn
65 70 75

<210> 4

<211> 51

<212> PRT

<213> Homo sapiens

<400> 4

Met Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln
1 5 10 15

Lys Leu Val Arg Lys Ile Ile Tyr Leu Phe Pro Leu Leu Phe Val Leu
20 25 30

Pro Asn Asp Leu Leu Thr Leu Val His Pro Val Leu Glu Ile Lys Leu
35 40 45

Arg Lys Arg

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<210> 5

<211> 44

<212> PRT

<213> Homo sapiens

<400> 5

Met Val Gly Gly Val Val Ile Ala Thr Val Ile Val Ile Thr Leu Val
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Met Leu Lys Lys Lys Gln Tyr Thr Ser Ile His His Gly Val Val Glu
20 25 30

Val Gly Lys Leu Asp Cys Met Phe Pro Ser Gly Asn
35 40

<210> 6

<211> 40

<212> PRT

<213> Homo sapiens

<400> 6

Met Gln Asn Ser Asp Met Thr Gln Asp Met Lys Phe Ile Ile Lys Asn
1 5 10 15

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20

25

30

Asp Ser Trp Trp Ala Val Leu Ser
35 40

<210> 7
<211> 20
<212> PRT
<213> Homo sapiens

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1 5 10 15

Trp Tyr Val Lys
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<210> 8
<211> 18
<212> PRT
<213> Homo sapiens

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1 5 10 15

Leu Ser

<210> 9
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<212> DNA
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<213> Homo sapiens

<400> 10
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<211> 68
<212> DNA
<213> Homo sapiens

<400> 11

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<213> Homo sapiens

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<213> Homo sapiens

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cctctttcca ctactgtttg tcttgccaaa tgaccttata actctggttc atcctgtgct 180
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cagcagacga accaatttaca atctgtgtaa cttagaacact tgatcaaaat tatataattt 300
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<210> 16
<211> 38
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<210> 17
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<400> 17
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<210> 18
<211> 56
<212> DNA
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<400> 18
gaaggtttaa atataggta tcattttct ttaagagtca tttatcaatt ttcttc 56

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ccaaataaaag agcaagaata aagcaacatt tca 33

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<210> 22
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<400> 22
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<210> 23
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gaaaatgaaa ttcttctaat tgcgtttata aattgttaatt a 41

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<223> Description of Artificial Sequence: Synthetic oligonucleotide

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<210> 28
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<223> Description of Artificial Sequence: Synthetic primer

<400> 28
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<213> Homo sapiens	
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Leu Ser

<210> 37
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<212> DNA
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<400> 37

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acatccattc atcatggtgt	ggtggaggta gtaaaacttg	actgcattt tccaaagtggg	180
aattaagact atgagagaat	taggccttagc ttttgcctaa	gaacttagcta agtatcttt	240
ttaaaaaacc aatcagtgtg	cttccatgat gcttgggta	cagttgtct ttcttgccttt	300
ggttttcatt cattgcaact	taccgtgaat attctgctca	aggtattgag agtgtgtgtt	360
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tttaaaaaaag cat			433

<210> 38

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<212> DNA
<213> *Homo sapiens*

<400> 38

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ttcactttga	aataacatta	tgctttaaaa	agcaatacac	tgctaaaggt	taatttgaat	180
tctgcagaat	tactatagca	aaaagtaggt	acaagatat	cttttttct	attgtttAAC	240
tcctttctt	cagaatgcct	attcctgtgc	attaaaagt	tccctccaag	gaaatttagga	300
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tgtgatttct	ttttttttt	tttttttaa	agtaagcatc	aaatatttga	ccaaccagg	660
gggcagagaa	tatactgaaa	ctttttat	aacctcatcc	aaatgtcccc	tgcatttaag	720
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